

SECRET

Copy 10 of 10

18 July 1963

25X1

MEMORANDUM FOR THE RECORD

SUBJECT : Ejection Seat Test

1. On 11 July an ejection seat test was successfully accomplished at 50,000 feet and Mach 1.55 using a 95th percentile anthropomorphic dummy. One second after ejection the dummy was separated from the seat and the drogue parachute deployed. By separating the dummy and deploying the parachute at one second, forces were applied which simulated an ejection at 60,000 feet and Mach 1.2 with a four second delay before seat separation and drogue parachute deployment. Upon opening of the drogue parachute the dummy was subjected to 15.8 G's. At 17,000 feet the dummy was automatically separated from the drogue parachute and the main parachute was automatically opened at 16,000 feet.

2. Examination of equipment and data analysis indicate that a human subject would have survived under the same circumstances.

SIGNED

25X1A

DB/OEA

25X1A

DB/OEA:mvp (18 July 63)

Distribution:

- Cy 1 - ASD/R
- 2 - AD/OEA
- 3 - D/TECH/OEA
- 4 - D/FA/OEA
- 5 - PS/OEA
- 6 - OD/OEA
- 7 - SE/OEA
- 8 - RD/OEA
- 9 - DB/OEA (chroco)
- 10 - RB/OEA

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